



2016 Council Bluffs Recycling and Solid Waste Management Annual Report

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Overview

Since its inception, the Solid Waste Management Division of the Public Health Department has expanded its products and services to not only better accommodate Council Bluffs residents but also to stay on the cutting edge of waste management. New positions have been created; equipment has been added, replaced and updated; numerous partnerships have been formed; grants have been sought and obtained; the community has been helped during times of crisis; additional services have been offered, and many programs have been implemented.

Most recently, the Council Bluffs Recycling Center (CBRC), in partnership with Red River Waste Solutions (the City's waste hauler), implemented the My Waste app. This app is a convenient way for residents to report any concerns with their waste collection and for the waste hauler to note collection problems, such as illegal dumping incidents or households that offer too much trash or include prohibited substances in their trash like needles or paint. With the app, residents can also schedule personalized reminders for their trash and recycling, and CBRC staff can send messages about holiday and inclement weather collection changes.

The app has been an excellent addition to the CBRC's toolbox of communication devices that include Twitter and Facebook accounts, website pages and text and email notices through this medium, regular press releases to area media, an annual *Recycling and Solid Waste Guides* and quarterly sanitation bills with a 3-page newsletter provided to each resident on City waste services.

This report highlights both accomplishments that have been made and new endeavors that have been undertaken at the Council Bluffs Recycling Center. Graphs have been added to better reflect trends in our waste stream.

Council Bluffs Recycling Center 5-year Summary

2012

- CBRC staff and Red River participate in the annual Council Bluffs Home Improvement and Landscaping Show at the Mid-America Center.
- A poster contest for all Council Bluffs area 3rd and 4th grade students is held in conjunction with Red River Waste Services. The top four winning entries debut on the Red River recycling trucks at the Celebrate CB parade and stay on the trucks throughout the year.
- Red River participates in the Celebrate CB parade in conjunction with the CBRC and KCBB.
- The education coordinator partners with Western Historic Trails Center for the third year of summer school classes for the Council Bluffs School District.
- The City launches a new website, and the education coordinator is named one of seven people to help design and keep the website updated.
- Brochure distribution is maintained throughout the community at various retail stores.
- CBRC staff continues to assist with the prescription drug take back program in the area.
- CBRC staff continues to sponsor and assist with the community garden, initiated by Keep Council Bluffs Beautiful, and Clean Sweep.
- The CBRC maintains its relationship with the Bemis Center in Omaha to re-use various materials in the metro area.
- Equipment purchases/upgrades include the following: three additional two cubic yard forklift tip hoppers, two used Yale forklifts, two additional 40-cubic yard construction and demolition containers, ten 2-way radios to improve internal communications, forklift mounted broom for construction and demolition pile clean-up and additional pallet racking to Bay I to expand storage.

- Replacements include the following: an air compressor in Bay 4 that supplies air to the main building, corroded truck scale base plates with new galvanized plates and window unit air conditioner on the sort line with more efficient split type A/C unit.
- One 30-cubic yard recycling container is repainted due to a fire in it at the Wal-Mart parking lot.
- An additional 182 tons of vinyl siding and nearly 58 tons of bulk plastic were diverted from the construction and demolition area.

2013

- A re-designed cover of annual *Recycling and Solid Waste Guide* is mailed out to grab residents' attention.
- #1-#5 plastic recycling and carton recycling begins on the curb, at the drop-off bins and at the drive-through bay at the CBRC. This is publicized in the *Recycling and Solid Waste Guide* and through various programs and events at which the education coordinator presents. New signs are added for the drop-off recycling containers and the drive-through bay containers to convey this message.
- CBRC staff embarks in a shingle recycling program with Save and Pave, a shingle recycling company based in Sioux City, Iowa. This results in 383.24 tons of shingles being recycled which helps to achieve more than 35% construction and demolition debris recycling rate.
- CBRC staff participates in the Council Bluffs Home Show at the Mid-America Center for the second year.
- A 2012 Dodge Journey that was converted to run on compressed natural gas (CNG) is acquired. The vehicle is wrapped by Revolution Wraps.
- A new logo is debuted with the compressed natural gas vehicle; the logo is designed by Revolution Wraps.
- The 2nd annual Celebrate Recycling Poster Contest sponsored by CBRC and Red River Waste Solutions is held. A record number of 11 schools participates with 22 poster entries. The theme is Reduce Your Carbon Footprint.
- CBRC receives a \$9,140 Solid Waste Alternatives Program grant from the Department of Natural Resources to expand event recycling throughout the City and begin an event collection compost check-out program for area residents.
- The City negotiates and extends the solid waste collection contract with Red River Waste Solutions through June 30, 2023. This contract extension includes a provision to replace the existing fleet of five refuse collection vehicles, three recycling collection vehicles and two yard waste collection vehicles to CNG powered collection vehicles. Three vehicles will be replaced beginning July 2014, three in 2015 and the remaining four in 2016.
- The City negotiates and renews the solid waste disposal contract with Iowa Waste Systems Landfill from July 1, 2014 to June 30, 2029 with two, five year renewal options. The tipping fee will remain at the FY2014 rate for the first four years at \$22.51 per ton.
- CBRC staff applies for and receives a \$2,000 grant from the Carton Council for advertising with the Council Bluffs Daily Nonpareil to publicize the various types of cartons that can be recycled.
- CBRC staff work with Lewis and Clark Elementary School to pilot a milk carton recycling program from March to May.
- All full-time CBRC employees are placed in uniforms.
- Two street litter containers are added to the 100 Block passageway.

- CBRC staff and Red River Waste solutions again participate in the Celebrate CB parade. CBRC staff displays the new, wrapped compressed natural gas vehicle and the winners from the poster contest.
- A new secured load policy for the CBRC is initiated July 1 to prevent excess litter along the metro area streets, highways and interstates.
- CBRC staff and volunteers facilitate the trash, recycling and compost opportunities for 25,000 visitors during RAGBRAI, July 19-21, by setting up and servicing 20 new compost containers, nearly 250 recycling containers and approximately 400 trash containers in and around the Mid-America Center complex. The event achieves an approximately 24% recycling rate by recycling and composting over 6,500 pounds of material.
- CBRC's glass recycling partners, Ripple Glass, Boulevard Brewery and Owens Corning, donate over 8,000 square feet of fiberglass insulation to the Council Bluffs Habitat for Humanity because the City recycled more than 350 tons of glass in 2012.
- The CBRC sells the G.A.M.E. glass processing equipment to Ripple Glass in Kansas City, Missouri for \$25,000.
- All 30 cubic yard recycle bin rear wheels are changed to laminated rubber style to prevent parking lot damages.
- Council Bluffs and CBRC staff host the annual Iowa Recycling and Solid Waste Management Conference at the Mid-America Center with 260 attendees and 58 vendors representing 10 states and Ontario, Canada. The conference makes a profit of \$45,680.
- Education Coordinator, Shannon Meister, is elected to the Iowa Recycling Association Board of Directors.

2014

- CBRC staff members participate in the Home Show at the MAC for the third year.
- The Recycling and Solid Waste Services guide cover is re-designed to highlight the new logo.
- CBRC staff works to revitalize Clean Sweep by creating a new logo and procuring plaques for winners in eight different categories.
- The 3rd annual Celebrate Recycling Poster Contest sponsored by CBRC and Red River Waste Solutions is held. Another record number of 12 schools participate with 22 poster entries. The theme is Go Green to Keep CB Clean.
- Poster contest winners accompany CBRC staff and RR Waste Solutions in the Celebrate CB Parade where the winning posters are debuted on the recycling collection trucks.
- Live Well Council Bluffs holds a shoe recycling drive that is housed out of the CBRC.
- CBRC staff initiates clean-up activities around the MAC as the city prepares to host the Iowa League of Cities.
- New signage is added at the front of the CBRC to inform residents of facility information and holidays when the facility is closed.
- Shingle recycling is publicized as CBRC staff invites contractors to a meeting, enrolls them in the program for a discounted rate and provides them with yard signs for their customers. Fifteen partnerships are established.
- The state of Iowa is quarantined from moving wood outside the state because of the emerald ash borer (EAB). CBRC staff creates signage and information for residents and diligently works to find sustainable outlets for its mulch, including obtaining a compliance agreement with an outlet in Nebraska through the EPA.
- Event recycling containers are added to the library.
- A new contract is signed with Retrofit Recycling for e-waste for a significant cost savings.

- Facebook and Twitter accounts are begun to engage the public and help keep them updated.
- The Chamber of Commerce publishes a free ad for the CBRC in their annual directory.
- Red River Waste Solutions acquires three compressed natural gas trucks and debuts them at an Open House and Ribbon Cutting at the CBRC.
- Education Coordinator, Shannon Meister, is elected secretary of the Iowa Recycling Association Board of Directors.

2015

- A 4,000-gallon diesel fuel tank and dispenser are installed.
- Three 2,000-gallon on-site used oil storage tanks are sand blasted and repainted.
- Scott's Miracle-Gro becomes the new processor for curbside yard waste.
- CBRC staff members participate in the Home Show at the MAC for the fourth year.
- The education coordinator attends a series of marketing workshops hosted by the Department of Natural Resources to learn cutting-edge media techniques.
- The 4th annual Celebrate Recycling Poster Contest sponsored by CBRC and Red River Waste Solutions is held. The theme is Be an Environmental Superhero. CBRC staff and Red River Waste Solutions participate in the Celebrate CB parade with winners from the poster contest and the winning posters are debuted on the recycling collection trucks.
- CBRC staff continues to revitalize Clean Sweep by organizing and publicizing the event.
- CBRC staff partner with Servefest volunteer day for the second year in a row.
- Red River Waste Services continues replacing diesel waste collection vehicles with compressed natural gas vehicles to be completed by July 2016 (10 vehicles total).
- CBRC facility hosts the Live Well Council Bluffs main office for 6 months until it relocates inside the Habitat for Humanity building.
- CBRC staff participate in and provide resources for Dumpster Day for the Mid-City Clean-up where 8,840 pounds of unwanted household goods are collected.
- Adopt-a-Street program doubles the number of streets adopted in Council Bluffs.
- Washington County, Nebraska's recycled glass begins coming to Council Bluffs for processing.
- A partnership with Harrison County is formed to accept their household recycling from every town in the county which significantly increases the material coming into the facility.
- Event recycling containers are distributed to CBCSD high schools and middle schools and YMCA soccer fields and facility.
- CBRC staff participate in the CBPD's National Night Out Event held outside the courthouse.
- Partnerships are initiated with Southwest Iowa Solid Waste Association, and two area educational workshops are held.
- Ongoing volunteer opportunities are established through drop-off recycling surveys.
- Harrison County recycling containers are re-labeled to better align with the materials accepted at the CBRC.
- CBRC staff participate in the fall prescription take back program.
- Sanitation billing transitions to a Munis-based program.
- Two Recycling Laborer positions are added to the CBRC full-time staff.
- The education coordinator is elected Iowa Recycling Association president.
- Trees are removed on the north side of the property, and new sanitary sewer is installed in conjunction with new and improved Gifford Road. The entrance to the CBRC is redesigned along with a new front gate and storm water inlet. A lift station and grinder pump are removed in this process.

- A new 2-ram baler is purchased for \$423,508.24 and installed to replace the single-ram auto-tie baler (received trade-in value) with the help of an Iowa DNR grant (\$170,000 - \$20,000 as forgivable loan, \$150,000 as zero-interest loan with 5-year payback) and the Closed Loop Fund zero interest loan (\$250,000 zero-interest loan with 3-year payback)
- An open house is hosted to celebrate the new baler; various community members attend.
- Two commercials are filmed and aired with CBTv-17.

2016

- CBRC staff members participate in the Home Show at the MAC for the fifth year and publicized the launch of the new My Waste app with appearances of KETV Channel 7 morning show.
- CBRC staff work with Mohm's Place to re-use 108 cases with 252 pieces per case (about 27,000 pieces) of plastic trays from Larsen Supply.
- Thirteen drop-off recycling containers were blasted and re-painted with a shiny coat of blue paint; New standardized labels were placed on them.
- Replaced circuit boards and all external wiring on the aging scale at the CBRC.
- The 5th annual Celebrate Recycling Poster Contest sponsored by CBRC and Red River Waste Solutions is held. The theme is Imagine a Green Future. CBRC staff and Red River Waste solutions again participate in the Celebrate CB parade with winners from the poster contest and the winning posters are debuted on the recycling collection trucks.
- CBRC staff organize and publicize Clean Sweep event with assistance from Live Well Council Bluffs.
- New reflective signage is installed at the front gate of the CBRC.
- CBRC staff partner with Servefest volunteer day for the third year in a row; Servefest added a fall event, and CBRC partnered for this event, too.
- Red River Waste Services finished replacing diesel waste collection vehicles with compressed natural gas vehicles (10 vehicles total).
- CBRC staff participate in the spring and fall prescription take back program.
- Harrison County moves from unloading individual recycling containers at the CBRC to consolidating recycling material before disposal. Additional containers were also added to 3 Harrison County towns with glass recycling as an option in these new containers.
- Placed "No Fireworks" magnets on the drop-off recycling containers and publicized Amnesty Day as a safe disposal option.
- CBRC staff participate in the CBPD's National Night Out Event for the 2nd year which was held outside of Target.
- Ongoing volunteer opportunities are continued with drop-off recycling surveys.
- Education Coordinator received national grand/scholarship to attend the Resource Recycling Conference in New Orleans (\$1,550 value: \$1,000 for lodging, travel and meals, \$550 for conference registration).
- The Page County outdoor Household Hazardous Materials storage building is moved to a more convenient location and the vehicle drop-off area is moved indoors.
- CBRC wins "Program of the Year" recognition from Iowa Recycling Association. An Open House and Block Party are held to celebrate and commemorate the award.
- The education coordinator is elected Iowa Recycling Association president for the 2nd year.
- Ripple Glass recognized the CBRC for the 5-year partnership between the two organizations.

- CBRC staff partner with CB Public Works to distribute information in the sanitation newsletter; this constitutes a change from a one-page newsletter to a 3-page publication to keep the public better informed.
- CBRC and Health Department staff work to update and standardize webpages with new City re-design.
- Shingle recycling is postponed due to the markets; 3,256 tons were recycled during the first four years of the program.
- CBRC sees the largest year of mulch sales, excluding storm years.
- Education Coordinator featured as Daily Nonpareil's Face of the Day.
- CBRC staff work with Convention and Visitors' Bureau to help secure the Iowa Recycling and Solid Waste Management Conference in Council Bluffs in 2018.
- CBRC and Health Department staff form partnership to help with Lake Manawa's Dream Playground.

Education and Outreach

Each household on City waste services receives an annual *Recycling and Solid Waste Services Guide* via direct mail with information about waste placement and guidelines to follow as well as services offered by the Recycling Center. Approximately 21,000 of these are distributed each year. The quarterly sanitation bill contains a recycling and solid waste newsletter that is transitioning from one to three pages.

Several brochures and documents are also available for residents and businesses concerning pricing, construction and demolition debris recycling, drop-off bins, commercial recycling, mulch, etc. Displays at hardware and auto stores around town and throughout Pottawattamie and Page Counties distribute some of this material. The website www.cbrecycles.com was updated and standardized in conjunction with the City's re-design for a fresh look to keep residents engaged and informed.

This past year, the education coordinator presented over 50 tours and programs to the public on a per request basis to school-aged children and teachers as well as civic organizations. These presentations currently average approximately 2,100 people a year and include several Boy and Girl Scout groups and various tour groups who visit Council Bluffs from Omaha or outlying areas to learn about recycling and waste management. For the fifth year, CBRC participated in the annual Council Bluffs Home Improvement and Landscaping Show at the Mid-America Center.

Emails are sent to teachers periodically throughout the school year to encourage environmental education in the classroom and recycling at school. Nearly 1,100 annual flyers were sent to landlords and rental properties in the city via direct mail through a partnership with Public Works.

Press releases are written and CBTv-17 appearances occur regularly to keep the public informed about waste guidelines, holiday reminders and new programs. CBTv-17 displays information for changes in holiday collection and other important events on for the CBRC on a regular basis. Periodic advertising is implemented as funding and programs allow. The Education Coordinator also writes grant proposals in collaboration with the Solid Waste Management Supervisor.

The contracted waste hauler, Red River Waste Services, sponsors a bi-annual ad in The Daily Nonpareil each spring and fall to remind the public about important waste and recycling information that helps both the contractor and the customers. Furthermore, Red River and the CBRC have partnered to launch a mobile app. This allows residents to ask questions, receive tips and information or even report a problem via their mobile device.

Partnerships have been formed with Pottawattamie and Page Counties to assist with Household Hazardous Materials services and education. This includes giving presentations upon request and producing printed materials. The past few years, the partnership with the Page County satellite facility has been strengthened as the CBRC education coordinator expands advertising and outreach in the county as well as assists with landfill tours as schedules permit.

The City of Council Bluffs is making efforts to increase its presence and influence in the statewide solid waste network. As a result of this, the education coordinator previously served a two-year term as chair of the Iowa Recycling Association Education Committee and was elected to the Iowa Recycling Association Board of Directors in 2013. In 2014, she was elected as the secretary of the board; and in 2015 and 2016, she was elected president of the board.

Curbside Services

Curbside Garbage

- All garbage must be bagged.
- **Garbage is limited to one City-approved 90-95-gallon Poly-cart (weighing 220 pounds or less) or three, 32-gallon cans (weighing 60 lbs or less) or bags (weighing 30 lbs or less). Garbage in unauthorized poly-carts will not be collected.**
- Each additional bag over the limit must have an extra bag tag attached to it. An extra City-approved Poly-cart requires three extra bag tags.
- **Do not place bricks, car parts, concrete or other construction materials or rubble in your garbage.**

Tons per Year					
1987	1988	1989	1990	1991	1992
20,364.66	19,531.24	19,506.76	19,720.58	18,660.32	16,824.44
1993	1994	1995	1996	1997	1998
17,568.68	17,404.39	17,275.75	17,485.57	18,077.24	18,632.17
1999	2000	2001	2002	2003	2004
19,000.11	18,161.35	19,085.13	19,389.40	19,499.45	19,682.72
2005	2006	2007	2008	2009	2010
18,833.55	18,852.67	18,938.99	16,556.12	15,436.38	16,082.79
2011	2012	2013	2014	2015	2016
15,812.06	15,233.80	15,508.73	15,539.01	15,801.50	15,989.43

Curbside Recycling

Acceptable Items Include:

- **#1 – #5 Plastic Containers and Cartons** – butter and yogurt containers, milk jugs, pop and water bottles; cartons from milk, juice, broth, soup and other food and beverages; rinsed, smashed with lids removed, **no plastic grocery bags or Styrofoam**
- **Aluminum & Metal** – food and beverage containers, rinsed
- **Mixed Paper** – junk mail, magazines, brown paper bags, newspaper and everything that comes with a Sunday paper
- **Cardboard** – must be broken down/flattened and no larger than 3'x3'
- **Glass** – all colors of rinsed unbroken food and beverage containers with lids removed; no window glass

Tons per Year			
2008	2009	2010	2011
1,064.03	1,819.58	1,714.26	1,620.47
2012	2013	2014	2015
1,531.64	1,516.77	1,466.53	1,406.87
2016			
1,334.02			

Curbside Yard Waste

Yard waste includes materials like grass clippings, garden waste, leaves, branches and limbs, shrubs and flowers. It does not include lawn chairs, garden hoses, lawn tools or other maintenance tools.

- Unlimited amounts of yard waste will be picked up **April 1 – November 30.**
- Yard waste placed in plastic bags will not be collected.
- Gather limbs and branches into bundles no more than 4' in length, 2' in diameter and 60 pounds in weight; use string or twine to tie the bundles. Do not use wire or nylon rope.

Tons per Year					
1991	1992	1993	1994	1995	1996
1,436.88	3,381.14	3,309.83	3,797.37	2,721.39	3,085.46
1997	1998	1999	2000	2001	2002
3,193.25	4,330.49	3,838.79	3,311.92	3,793.28	3,396.39
2003	2004	2005	2006	2007	2008
3,275.08	4,400.38	4,208.46	4,358.11	3,948.94	3,773.96
2009	2010	2011	2012	2013	2014
4,088.64	3,802.78	3,316.21	2,302.62	2,901.96	3,436.29
2015	2016				
3,451.67	3,321.38				

Curbside Bulky Waste

Bulky items, including electronics that weigh more than 60 pounds, can be picked up at the curb. This service is available each month, and appointments must be made with Red River at 712-256-2288 prior to collection.

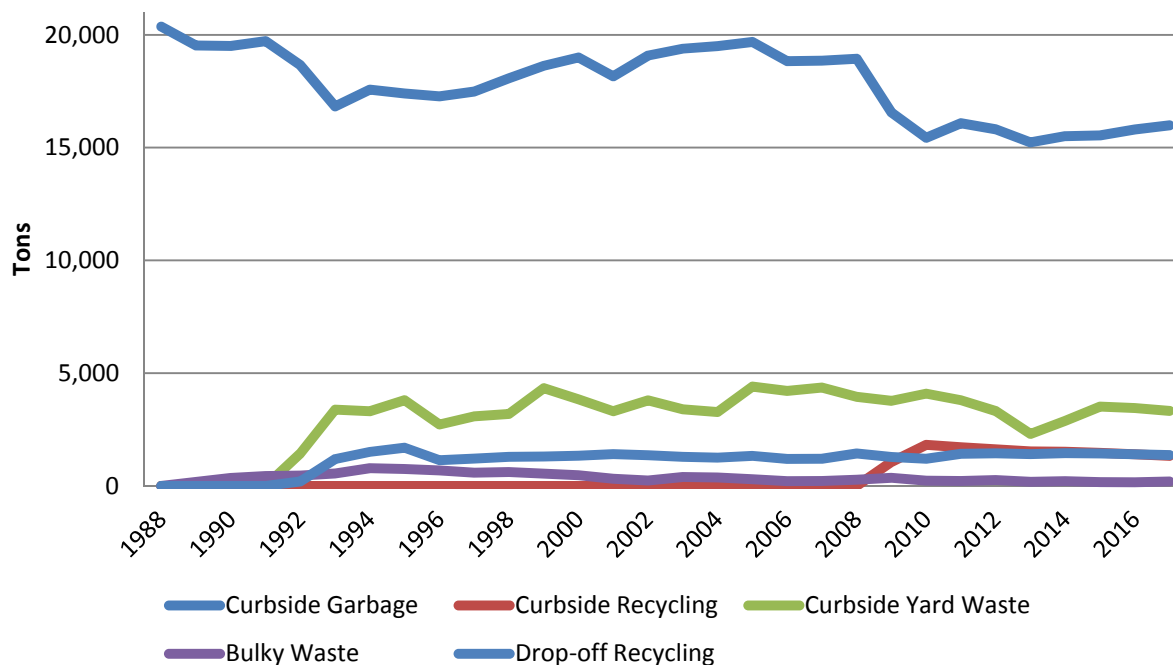
- Each household is allowed two bulky waste curbside pick-ups each year.
- **Bulky waste does not include regular household garbage.**
- Bulky waste must be contained to an area no larger than 8' in length by 4' in width by 4' in height (the area of a full-size couch).
- Items such as carpeting and boards should be cut into 4' lengths and bundled with twine. Bundles should not exceed 2' in diameter and 60 pounds in weight.
- You must specify what items you are setting out when you arrange the pick-up appointment.

Tons per Year					
1988	1989	1990	1991	1992	1993
175.84	354.32	435.65	461.43	548.30	782.40
1994	1995	1996	1997	1998	1999
746.73	684.54	584.15	612.10	544.13	471.05
2000	2001	2002	2003	2004	2005
316.51	241.02	396.00	373.46	293.66	210.10
2006	2007	2008	2009	2010	2011
220.43	270.86	362.59	233.87	217.82	257.11
2012	2013	2014	2015	2016	
184.16	208.29	165.98	162.42	196.80	

Comparison Chart

This comparison chart shows the downward trend of curbside garbage and bulky waste collections. It also displays the consistent trend of drop-off and curbside recycling efforts.

Council Bluffs Solid Waste Tonnage 1997-2016



“Lightweighting” Effect

The CBRC, along with recycling centers across the nation, is experiencing the effects of “lightweighting”. This is the practice of manufacturers making containers, such as plastic bottles, aluminum cans and paper packaging, out of lighter materials. This has a positive impact on the environment because fewer raw materials are used to manufacture lightweight products. Many of the containers that consumers recycle are up to 50% lighter than they were five years ago.

Lightweight materials weigh less but are often the same size as older, heavier materials. Since materials collected at the drop-off locations and at the curb are transported un-compacted, fuel and transportation costs remain steady, while tonnage actually decreases with lighter materials. In addition, it takes more labor per ton to sort and process these materials. Because the CBRC is paid for materials by the ton, the end result is less revenue per input costs.

Not only is this effect felt in the bottom line of the facility, but it is also reflected in the tonnage numbers contained in this report. While the population of Council Bluffs and the surrounding metro area increases, the tonnage of materials recycled and disposed at the landfill is on a downward trend.

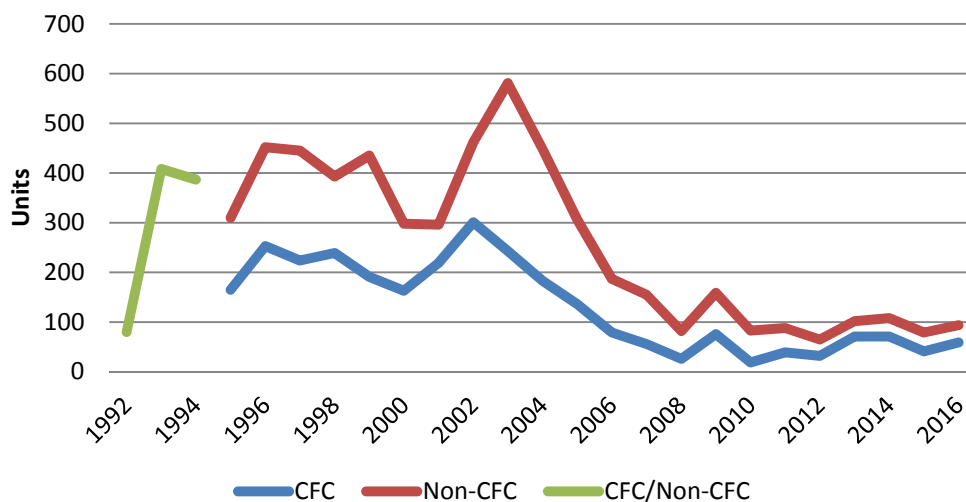
Curbside Appliances

Appliances can be picked up at the curb. This service is available each month, and appointments must be made with Red River at 712-256-2288 prior to collection.

- Each household is allowed two curbside appliance pick-ups each year.
- Doors on appliances need to be closed and secured shut for safety.
- You must specify what items you are setting out when you arrange the pick-up appointment.

Appliances per Year						
	1992	1993	1994	1995	1996	1997
CFC				165	253	224
Non-CFC				310	452	445
Total	80	408	387	475	705	669
	1998	1999	2000	2001	2002	2003
CFC	239	191	163	219	301	243
Non-CFC	393	435	298	296	462	581
Total	632	626	461	515	763	824
	2004	2005	2006	2007	2008	2009
CFC	183	136	79	56	26	76
Non-CFC	448	306	187	155	82	159
Total	631	442	266	211	108	235
	2010	2011	2012	2013	2014	2015
CFC	19	39	32	71	71	41
Non-CFC	83	88	65	102	108	79
Total	102	127	97	173	179	120
	2016					
CFC	59					
Non-CFC	94					
Total	153					

Curbside Appliances

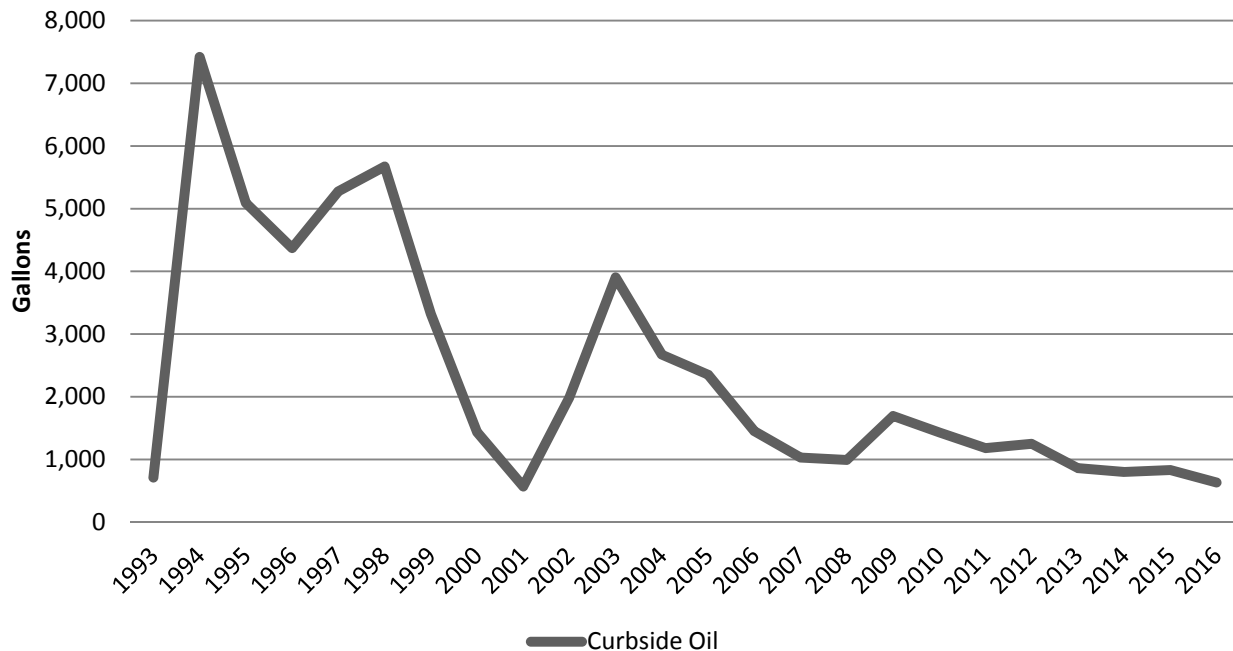


Curbside Oil Collection

Two gallons of used oil per household per month can be picked up at your curb. Place oil in sturdy, leak-proof containers that are clearly labeled. Set oil away from your garbage, recycling and yard waste.

Gallons per Year					
1993	1994	1995	1996	1997	1998
711	7,421	5,090	4,370	5,277	5,673
1999	2000	2001	2002	2003	2004
3,323	1,437	569	1,987	3,904	2,672
2005	2006	2007	2008	2009	2010
2,352	1,452	1,029	991	1,694	1,430
2011	2012	2013	2014	2015	2016
1,182	1,250	862	800	832	631

Curbside Oil Collection



Extra Bag Tags

The amount of garbage collected on a weekly basis is limited to one, 90-95 gallon City-approved Poly-cart or three, 32-gallon garbage cans or bags. All material must be bagged, and each additional bag must have a sticker. An extra City-approved Poly-cart requires three extra bag tags. Attach tags around the handles of the Poly-cart. Stickers for extra bags are available for \$2.50 at the following locations:

- **City Treasurer's Office** 8:00 a.m. – 5:00 p.m.
- **Recycling Center** 8:00 a.m. – 6:00 p.m. Mon. – Fri.
- **Family Fare** 1801 Valley View Dr.
- **Fareway** 310 McKenzie Ave.
- **Hy-Vee** 1745 Madison Ave.
- **Hy-Vee** 2323 West Broadway St.
- **Super Saver** 1141 North Broadway St.
- **Wal-Mart** 3200 Manawa Centre Dr.

These stickers should also be used if you exceed more than two curbside appliance and two bulky waste pick-ups per year. Two of these stickers are equivalent to one extra curbside appliance pick-up. Four of these stickers are equivalent to one extra curbside bulky waste pick-up. Appointments are still necessary. The chart displayed here represents how many Extra Bag Tags have been sold to area grocery stores.



COUNCIL BLUFFS
Recycling Center

712-328-4985
www.cbrecycles.com

CITY OF COUNCIL BLUFFS

\$2.50 EXTRA BAG TAG



- May be used for extra trash bag, bulky waste, or appliances
- Any additional bags must be tagged
- Place tag around neck of bag as shown on back
- Please call Red River Waste at 712-256-2288 for Bulky Waste or Appliance Pickup

Extra Bag Tags per Year

2008	2009	2010	2011
4,000	1,700	2,000	2,750
2012	2013	2014	2015
1,750	2,500	2,900	2,600
2016			
3,250			

Curbside Holiday Collection Schedule

Waste services do not occur on the following holidays and will be one day late all week after the holiday:

1. New Year's Day (January 1)
2. Memorial Day
3. Independence Day (July 4)
4. Labor Day
5. Thanksgiving
6. Christmas Day (December 25)

Council Bluffs Recycling Center Services

4441 Gifford Road
Council Bluffs, IA 51501

Phone: 712-328-4985
Fax: 712-328-4987

www.cbrecycles.com

Hours of Operation:

Monday – Friday 8:00 a.m. – 6:00 p.m.
Saturday 8:00 a.m. – 12:00 p.m.
Closed Sundays and all City-observed holidays

Household Hazardous Materials Hours of Operation:

Monday, Wednesday, Friday 9:30 a.m. – 5:30 p.m.
Second Saturday of each month 8:30 a.m. – 11:30 a.m.

Drop-Off Recycling Bins

In addition to the Recycling Center, the City has seven satellite locations where residents can drop off their recyclables. These locations are available to the public 24 hours a day, 7 days a week.

Family Fare	1801 Valley View Dr.
Fareway	310 McKenzie Ave.
Hy-Vee	1745 Madison Ave.
Hy-Vee	2323 West Broadway St.
IWCC	2700 College Rd.
Super Saver	1141 North Broadway St.
Wal-Mart	3200 Manawa Centre Dr.

- **Cardboard bins** are available year-round at Family Fare on Valley View Dr., Hy-Vee on W. Broadway St. and Super Saver on N. Broadway St. Please break down and flatten boxes and packaging.
- **Placing any items other than those listed in or around the recycling bins constitutes illegal dumping and will be enforced with a municipal citation and fines up to \$835.**

CBRC Holiday Schedule

The Council Bluffs Recycling Center is closed for the following holidays:

- New Year's Day (January 1)
- President's Day
- Memorial Day
- Independence Day (July 4)
- Labor Day
- Veteran's Day (Observed)
- Thanksgiving Day
- Friday after Thanksgiving
- Christmas Eve
- Christmas Day (December 25)

**Whenever any of the holidays listed above fall on Saturday, the preceding Friday shall be observed as the holiday. Whenever any of the holidays listed above fall on Sunday, the succeeding Monday shall be observed as a holiday.*

Appliances

There are certain appliances that have been banned from the landfill but that you can dispose of at the Recycling Center. These include:

Air Conditioners
Dehumidifiers
Stoves/Ranges

Ice Machines
Dishwashers
Furnaces

Conventional Ovens
Refrigerators
Washers & Dryers

Microwaves
Freezers
Water Heaters

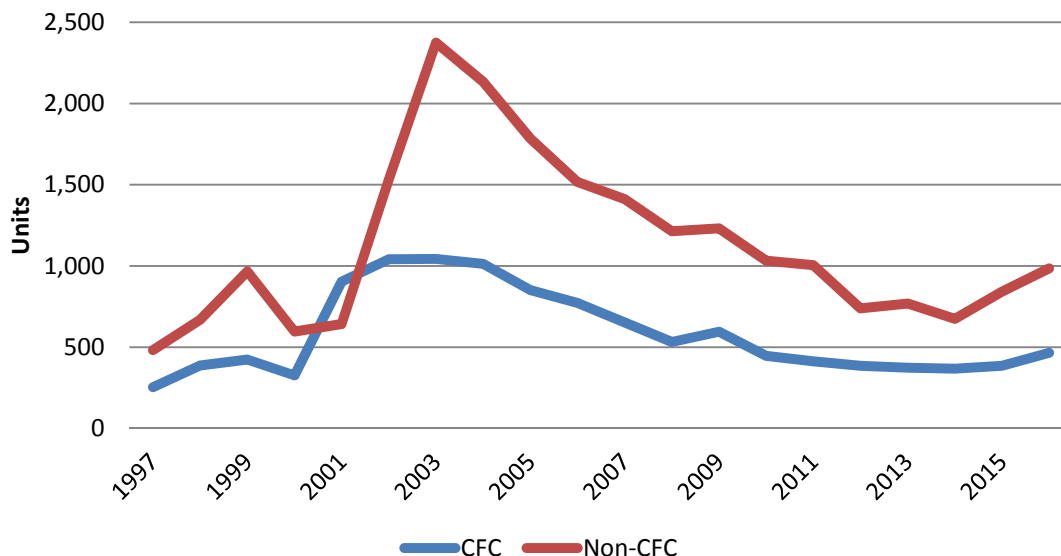
Appliance rates are as follows:

- Appliances no Freon \$5.00 residents \$8.00 businesses
- Appliances w/Freon \$12.00 residents \$15.00 businesses

Appliances per Year

	1997	1998	1999	2000	2001	2002
CFC	253	387	424	326	903	1,041
Non-CFC	482	669	967	596	642	1,532
Total	735	1,056	1,391	922	1,545	2,573
	2003	2004	2005	2006	2007	2008
CFC	1,043	1,013	851	772	652	532
Non-CFC	2,375	2,134	1,784	1,517	1,412	1,214
Total	3,418	3,147	2,635	2,289	2,064	1,746
	2009	2010	2011	2012	2013	2014
CFC	595	446	413	385	374	368
Non-CFC	1,232	1,033	1,005	739	768	674
Total	1,827	1,479	1,418	1,124	1,142	1,042
	2015	2016				
CFC	385	465				
Non-CFC	841	985				
Total	1,226	1,405				

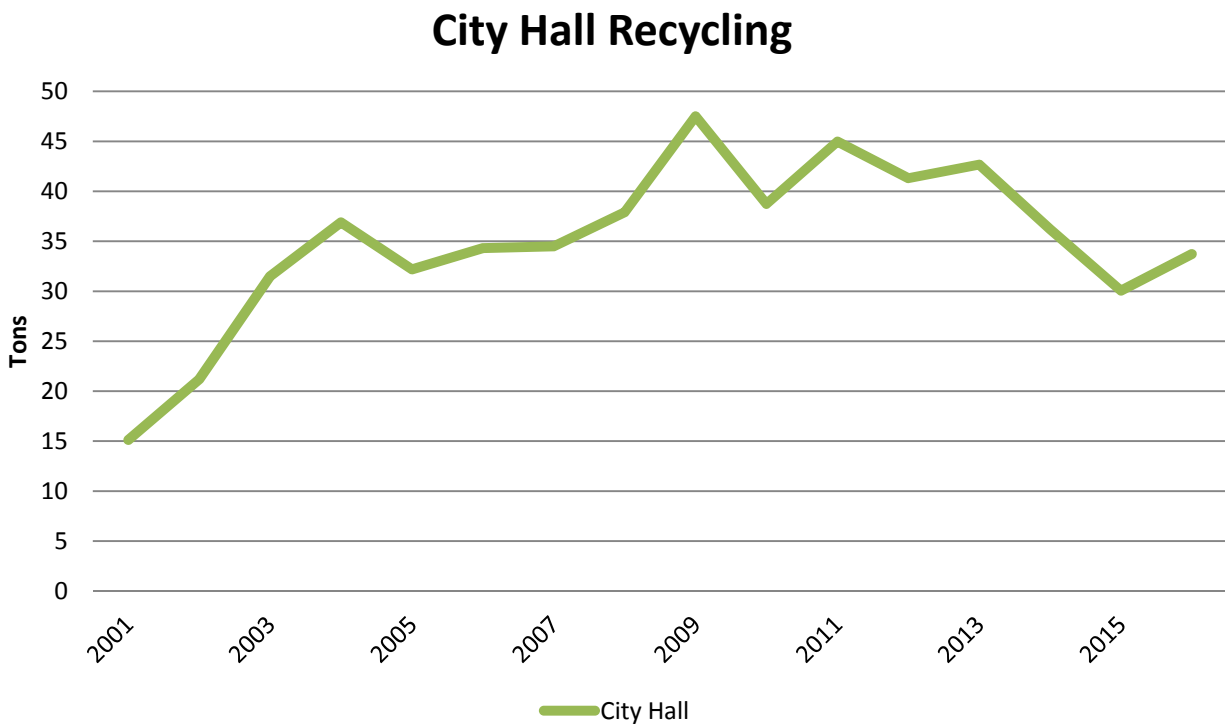
Appliance Demanufacturing



City Hall Recycling

Recycling materials are collected once a week at various locations that include, but are not limited to, City Hall, Community Development, the Courthouse and Courthouse Annex, City Fire Stations, Council Bluffs Library and Water Works. The program began with cardboard and paper recycling but has expanded to include beverage containers and electronics. This allows all City employees ample opportunities to recycle at their workplaces.

Tons per Year					
2001	2002	2003	2004	2005	2006
15.12	21.18	31.49	36.89	32.19	34.31
2007	2008	2009	2010	2011	2012
34.49	37.90	47.50	38.74	44.98	41.31
2013	2014	2015	2016		
42.68	36.20	30.05	33.72		



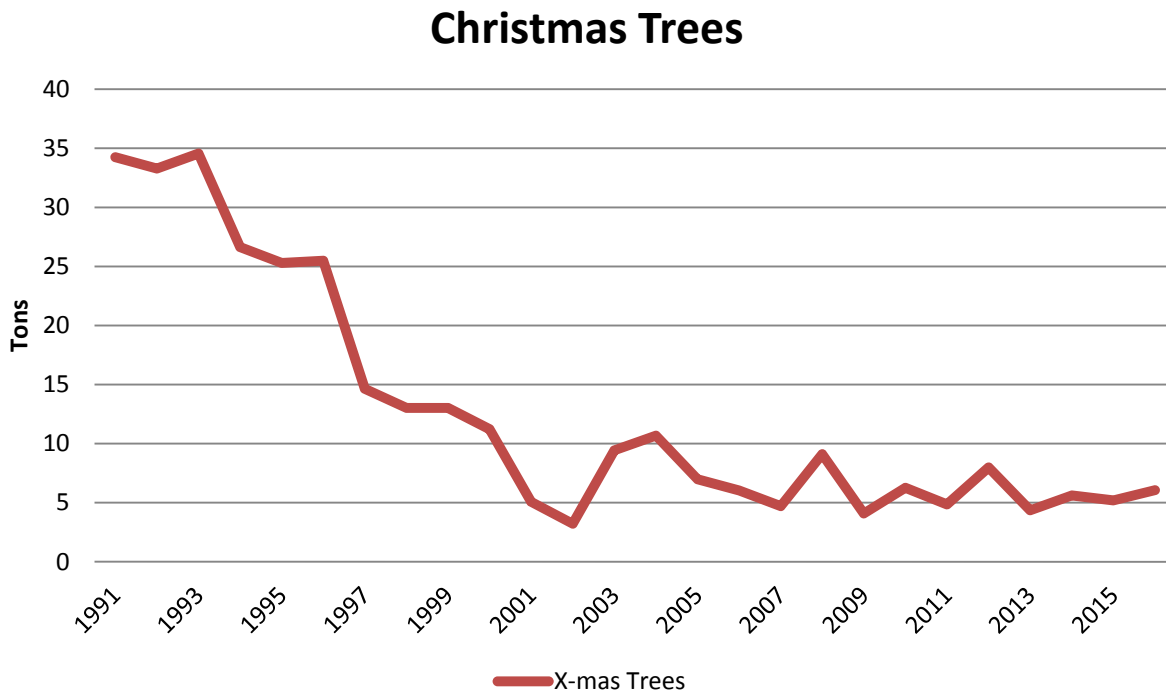
Christmas Trees

Christmas trees are collected at the curb during the first full week of January. Christmas trees may be brought to the Recycling Center at no charge through the month of January. Non-residents and commercial haulers will be charged \$5 minimum fee or \$20 per ton.

- Place your tree at the curb on the same day as your regular collection by 7 a.m., away from your regular garbage.
- Remove all lights, nails, ornaments, tinsel, wire, steel or wooden stands and all plastic tree bags.
- Cut the tree down to 4' in length.

Tons per Year					
1991	1992	1993	1994	1995	1996
34.25	33.29	34.56	26.64	25.30	25.49
1997	1998	1999	2000	2001	2002
14.63	13.02	13.02	11.22	5.07	3.22
2003	2004	2005	2006	2007	2008
9.44	10.68	6.98	6.04	4.70	9.11
2009	2010	2011	2012	2013	2014
4.09	6.26	4.85	7.99	4.35	5.61
2015	2016				
5.19	6.06				

**Note: This table includes curbside Christmas tree collection.*



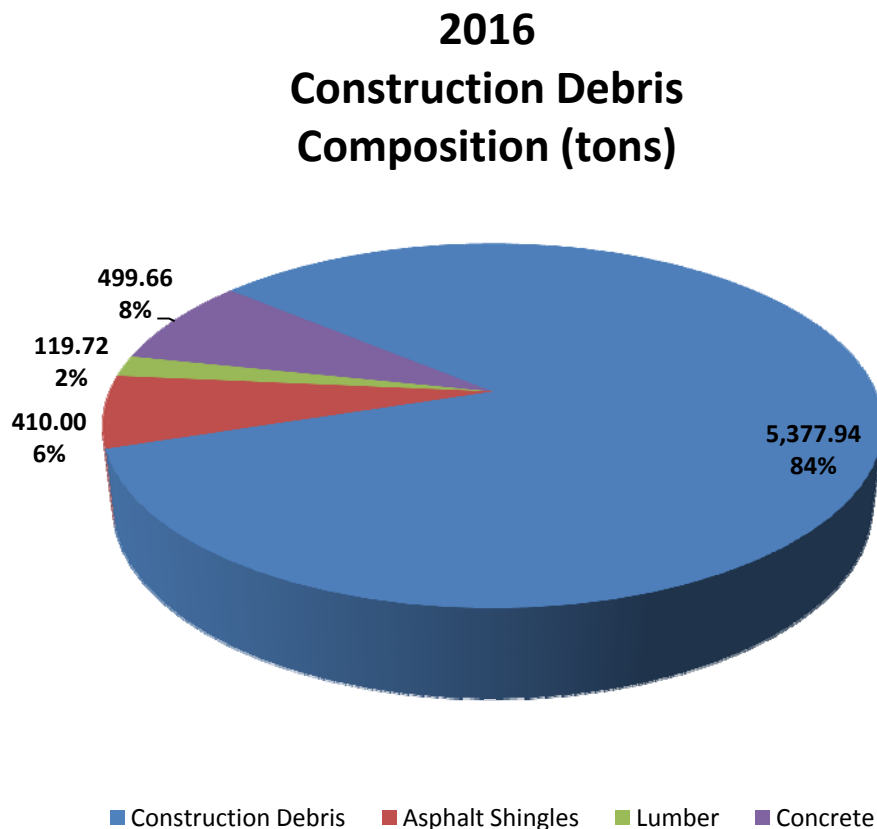
Construction & Demolition Material

Construction and demolition material includes drywall, carpeting, roofing, siding (wood or vinyl), lumber, concrete and railroad ties.

- Accepted at the Recycling Center for \$50.00 per ton
- \$5.00 minimum charge that covers up to 200 pounds
- \$5.00 minimum charge or \$24.00 per ton for clean lumber or unpainted construction lumber (no roofing, spikes, drywall)
- Loads containing items such as food waste and other household garbage will not be accepted.

Tons per Year					
1997	1998	1999	2000	2001	2002
53.59	667.06	2,809.21	4,533.00	8,065.13	5,154.06
2003	2004	2005	2006	2007	2008
4,167.46	4,076.47	4,149.13	4,999.98	4,080.16	4,912.76
2009	2010	2011	2012	2013	2014
4,350.84	4,254.49	8,049.22	8,389.67	5,850.66	7,389.06
2015	2016				
6,999.06	6,407.32				

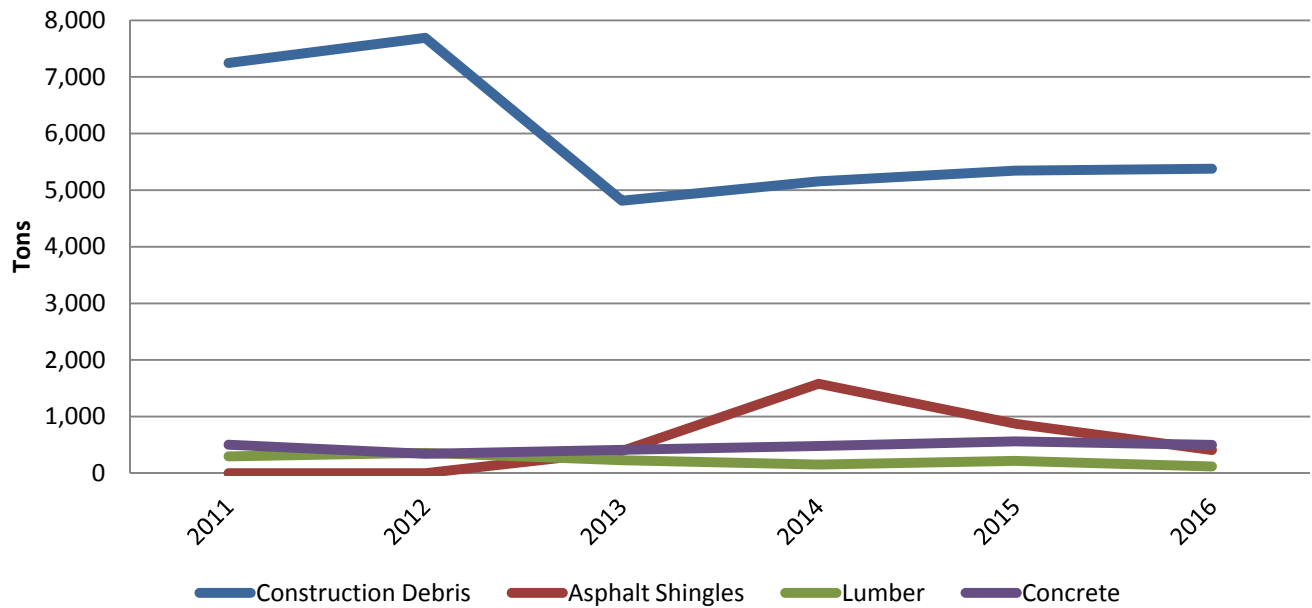
This pie chart describes the materials that composed construction and demolition debris during the past year.



The table below describes how the CBRC is increasing the types of construction and demolition material that can be recycled so less material is destined for the landfill.

Tons per Year								
Year	Construction Debris	Asphalt Shingles	Lumber	Concrete	Total	Landfilled	Recycled	Percent Recycled
2011	7,247.10	0.00	297.52	504.60	8,049.22	7,076.85	972.37	12.08%
2012	7,689.46	0.00	358.35	341.86	8,389.67	7,235.51	1,154.16	13.76%
2013	4,812.63	393.98	230.13	413.92	5,850.66	4,318.78	1,531.88	26.18%
2014	5,155.43	1,579.63	153.66	480.34	7,369.06	4,638.25	2,730.81	37.06%
2015	5,344.52	872.97	217.94	563.63	6,999.06	4,767.95	2,231.11	31.88%
2016	5,377.94	410.00	119.72	499.66	6,407.32	4,905.38	1,501.94	23.44%
TOTALS	35,627.08	3,256.58	1,377.32	2,804.01	43,064.99	38,205.70	10,122.27	11.28%

2011-2016 Construction & Demolition Debris Tonnage



Drop-off Recycling Containers

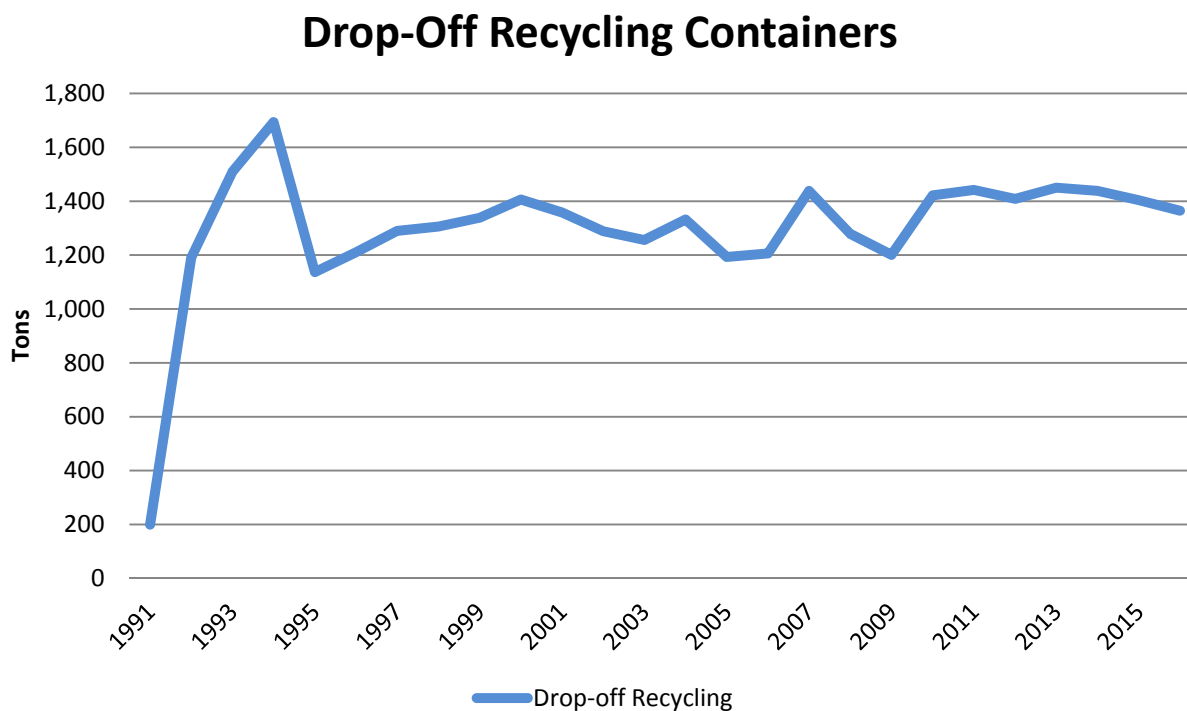
Seven drop-off recycling container locations are available to the public 24 hours a day, 7 days a week.

Drop-off recycling containers are placed at the following locations:

Family Fare	1801 Valley View Dr.	IWCC	2700 College Rd.
Fareway	310 McKenzie Ave.	Super Saver	1141 North Broadway St.
Hy-Vee	1745 Madison Ave.	Wal-Mart	3200 Manawa Centre Dr.
Hy-Vee	2323 West Broadway St.		

Cardboard bins are available year-round at Family Fare on Valley View Dr., Hy-Vee on West Broadway St. and Super Saver on North Broadway St. Please break down and flatten boxes and packaging.

Tons per Year					
1991	1992	1993	1994	1995	1996
199.34	1,190.28	1,509.59	1,693.89	1,136.74	1,210.10
1997	1998	1999	2000	2001	2002
1,290.21	1,305.92	1,338.61	1,406.36	1,358.14	1,289.03
2003	2004	2005	2006	2007	2008
1,256.26	1,332.11	1,193.43	1,205.99	1,438.72	1,278.41
2009	2010	2011	2012	2013	2014
1,200.84	1,421.67	1,442.03	1,408.72	1,450.49	1,438.26
2015	2016				
1,404.17	1,364.52				



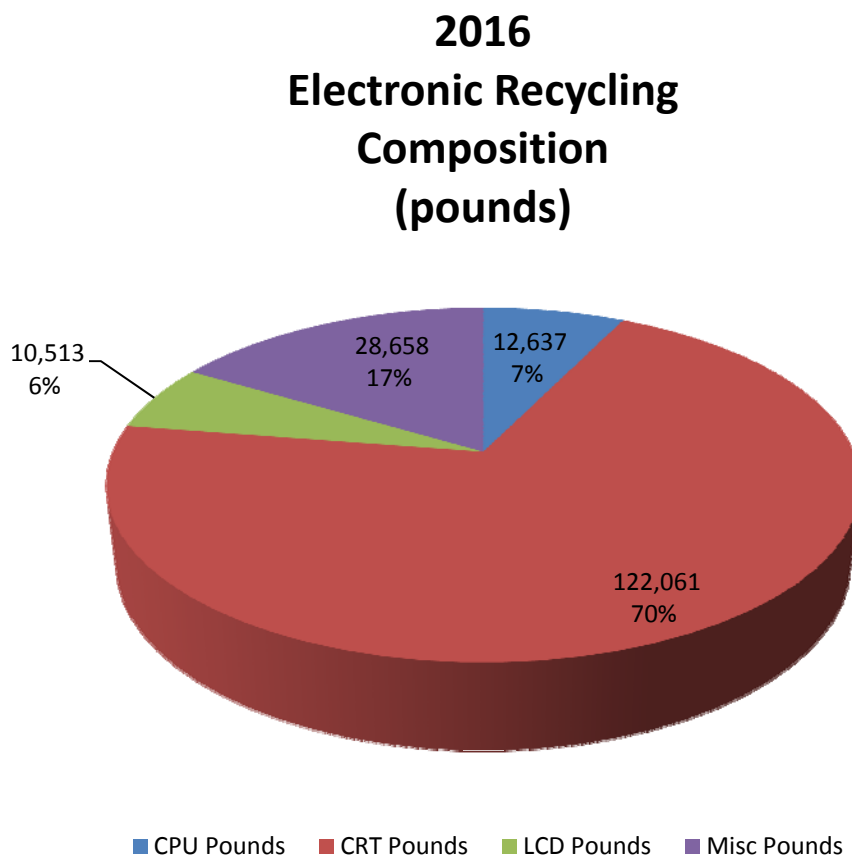
Electronics

Televisions, computers, stereos and other electronic devices are not accepted in the garbage or as construction debris.

- Electronic devices are accepted for recycling at a charge of \$0.25 per pound for televisions, computer monitors and other electronic devices (copiers, faxes, printers, stereos, DVD's, VCR's, satellite equipment, etc.). Computer towers and laptops are accepted free of charge.

Tons per Year					
2004	2005	2006	2007	2008	2009
10.79	26.31	38.93	46.32	53.01	58.09
2010	2011	2012	2013	2014	2015
54.62	57.98	57.54	60.84	64.29	69.93
2016					
86.93					

The graph below displays the types of electronic items that were recycled at the Recycling Center in 2016. CRT's, such as old computer monitors and tube televisions, continue to be the largest source of electronics to enter the facility. The chart on the following page reflects the numbers in the table above.



Electronic Recycling



Event Recycling

Event recycling began in 2009 when RAGBRAI came to town. The CBRC purchased, with funding from Iowa Department of Natural Resources SWAP and Keep America Beautiful grants, 110 blue, rigid, plastic containers and sixty Clear Stream containers. The blue, rigid plastic containers are divided between three permanent placements, the Council Bluffs Recreation Complex, Iowa Western Community College and the Mid-America Center. The sixty Clear Stream Containers are checked out for events to community members who are interested in them with a refundable deposit.

Event recycling expanded in 2013 with RAGBRAI again coming to Council Bluffs. An additional SWAP grant was received to purchase an additional 100 blue, rigid plastic containers and 20 Clear Stream compost containers. CBRC staff and volunteers facilitated the trash, recycling and compost opportunities for 25,000 visitors during RAGBRAI by setting up and servicing 20 new compost containers, nearly 250 recycling containers and approximately 400 trash containers in and around the Mid-America Center complex. The event achieved an approximately 24% recycling rate by recycling and composting over 6,500 pounds of material.

Household Furnishings

Most home furnishings fall under the Curbside Bulky Waste category and can be collected at no charge through that program. These items are also accepted at the Recycling Center as Construction and Demolition Material.

- The Recycling Center charges \$50.00 per ton with a \$5.00 minimum charge.
- \$5.00 minimum charge covers up to 200 pounds of material
- Anything over the 200 pound minimum is charged based on the weight of the material.
- **If your load has garbage, such as food, clothing or small toys, it will not be accepted for disposal at the Recycling Center.**

**These figures are included in Bulky Waste and Construction and Demolition charts.*

Household Hazardous Materials Regional Collection Center

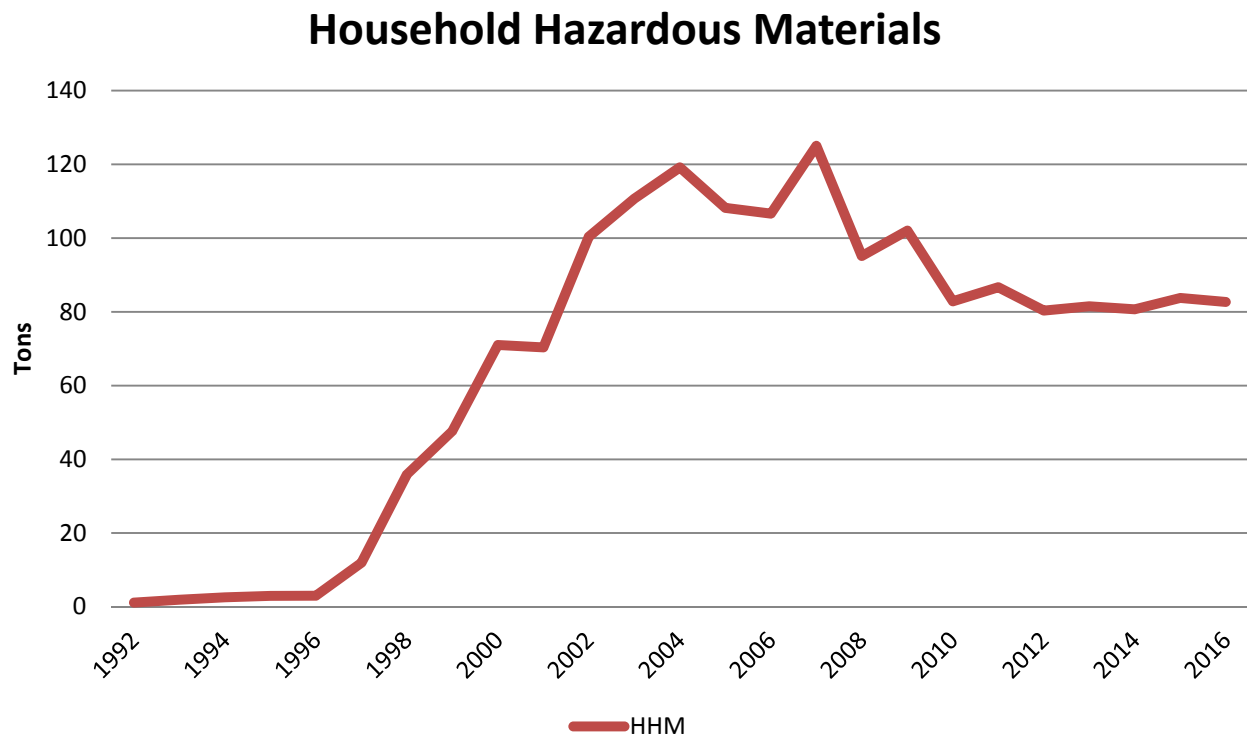
Household Hazardous Materials or HHM is a product that is toxic, corrosive, flammable or reactive. Some examples are degreasers, gasoline, herbicides, household cleaners, paint stripper, pesticides and spot and rust removers.

The HHM Center is open to the public.

- Monday, Wednesday and Friday from 9:30 a.m. to 5:30 p.m.
- 2nd Saturday of each month from 8:30 a.m. to 11:30 a.m.

Tons per Year					
1992	1993	1994	1995	1996	1997
1.16	1.91	2.55	2.97	3.00	11.96
1998	1999	2000	2001	2002	2003
35.89	47.66	71.00	70.38	100.37	110.72
2004	2005	2006	2007	2008	2009
119.17	108.20	106.66	125.05	95.16	102.03
2010	2011	2012	2013	2014	2015
82.84	86.68	80.35	81.50	80.68	83.75
2016					
82.70					

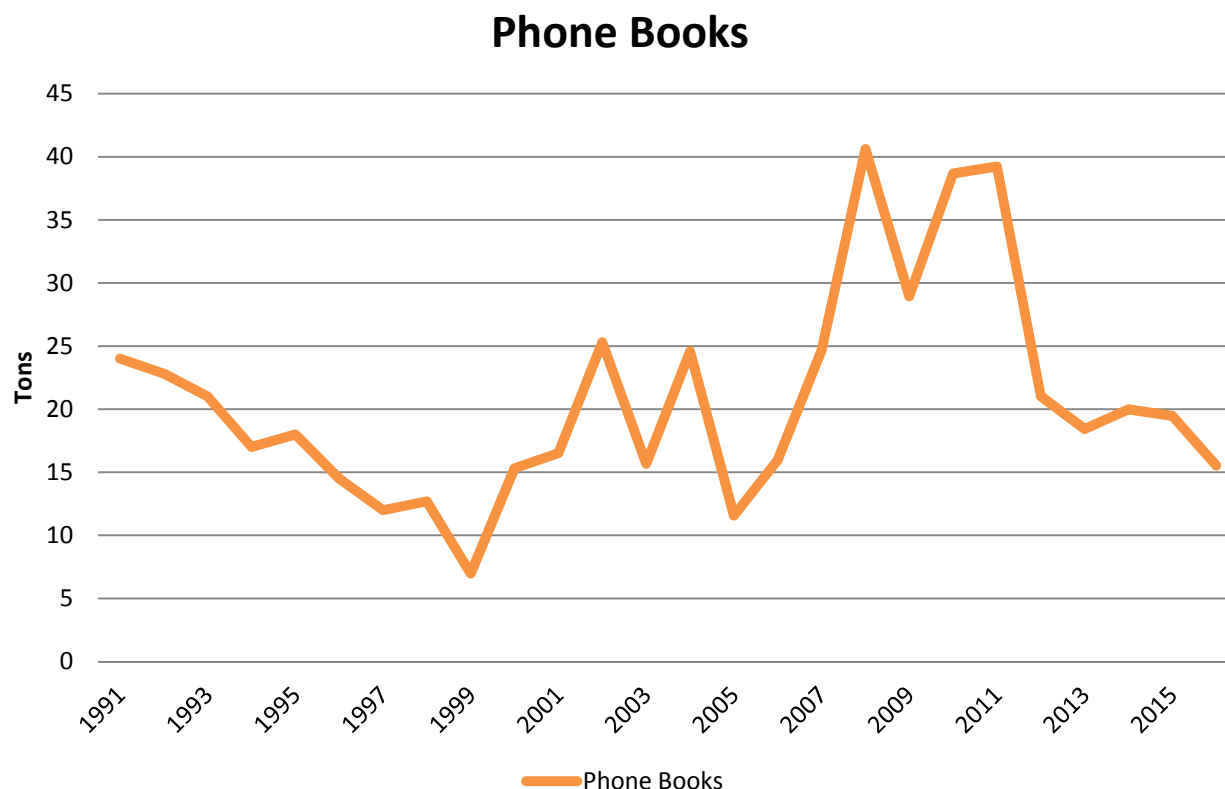
**Note: curbside oil collection is included in these numbers.*



Phone Books

Each year when new telephone books are distributed, Dex sponsored a telephone book recycling drive. Enclosed 30-yard containers were placed at two local grocery stores for approximately a month-long period. Recently, the phone book process has been streamlined by advising residents to recycle their phone books in their curbside recycling containers or at the drop-off containers at the grocery stores. Phone books are also collected at the Recycling Center on a year-round basis. To opt out of phone book delivery, visit www.yellowpagesoptout.com.

Tons per Year					
1991	1992	1993	1994	1995	1996
24.00	22.81	21.00	17.00	18.00	14.50
1997	1998	1999	2000	2001	2002
12.00	12.70	6.97	15.32	16.51	25.30
2003	2004	2005	2006	2007	2008
15.68	24.57	11.56	15.98	24.67	40.62
2009	2010	2011	2012	2013	2014
28.95	38.68	39.23	21.03	18.42	19.98
2015	2016				
19.47	15.54				



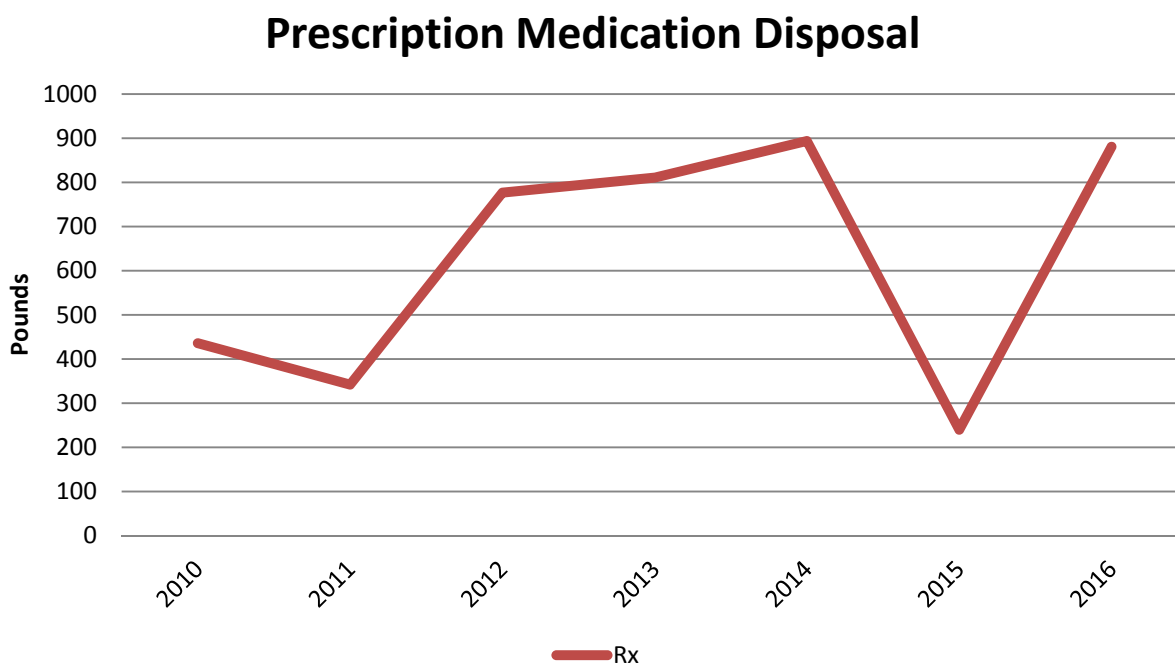
Prescription Medication Disposal

The best way to dispose of prescription medicine is to call your pharmacy or visit www.iarx.org/takeaway/ to see if a pharmacy near you offers a take-back program. Many pharmacies allow the public to bring in unused drugs for proper disposal. If your pharmacy does not offer this program, use the following procedures:

- Take unused, unneeded or expired prescription drugs out of their original containers and mix them with an undesirable substance, such as used coffee grounds or kitty litter.
- Put them in waterproof, non-descript containers to further ensure the drugs are not reused, and then throw them in the garbage.
- Scratch out all identifying information on the prescription label before throwing it away.
- Do not flush prescription drugs down the toilet unless the label or accompanying patient information specifically instructs doing so as waste water treatment plants are not set up to treat these materials.
- Chemotherapy drugs must be disposed of with a healthcare provider.

For four years, the City participated in a semi-annual DEA-sponsored nation-wide Prescription Take-Back Day. This program provided a safe, convenient responsible way of disposing of drugs. The numbers below reflect the pounds of material received. In 2015 the DEA only sponsored one event in the fall, leading to the decrease in pounds collected. City staff are actively seeking long term solutions for the proper disposal without relying on DEA support.

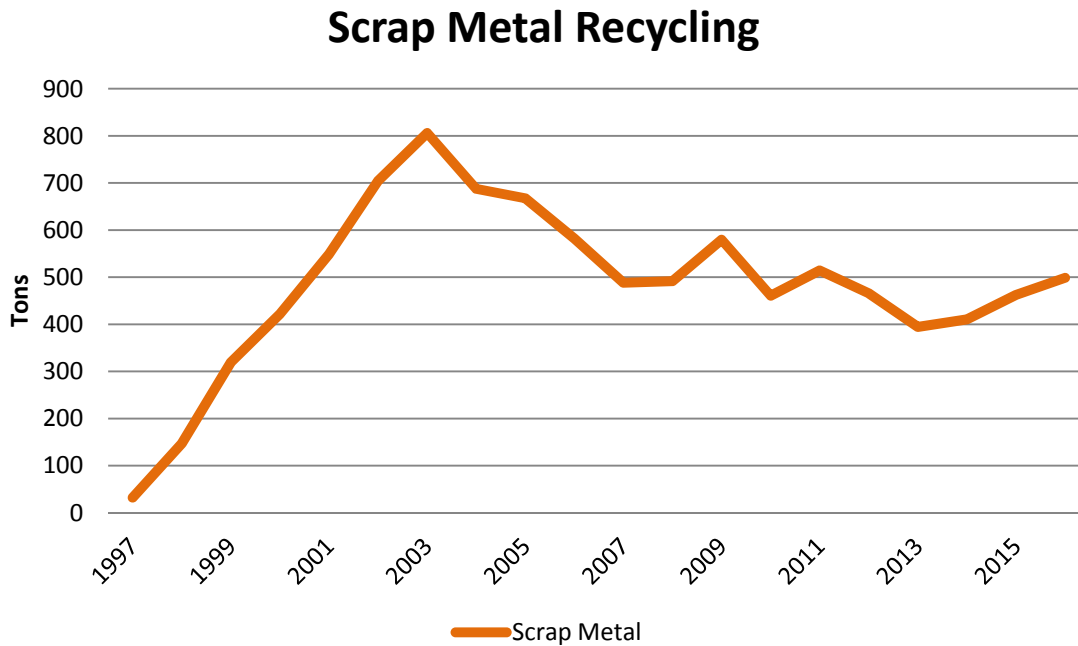
Pounds per Year					
2010	2011	2012	2013	2014	2015
436	342	777	811	894	240
2016					
881					



Scrap Metal

Metal is accepted free of charge and includes bicycles, mowers and snow blowers.

Tons per Year					
1997	1998	1999	2000	2001	2002
32.18	146.89	319.49	421.76	548.78	704.56
2003	2004	2005	2006	2007	2008
806.11	687.37	667.34	582.07	488.29	491.53
2009	2010	2011	2012	2013	2014
579.45	460.79	514.40	465.89	394.37	410.39
2015	2016				
462.55	498.84				

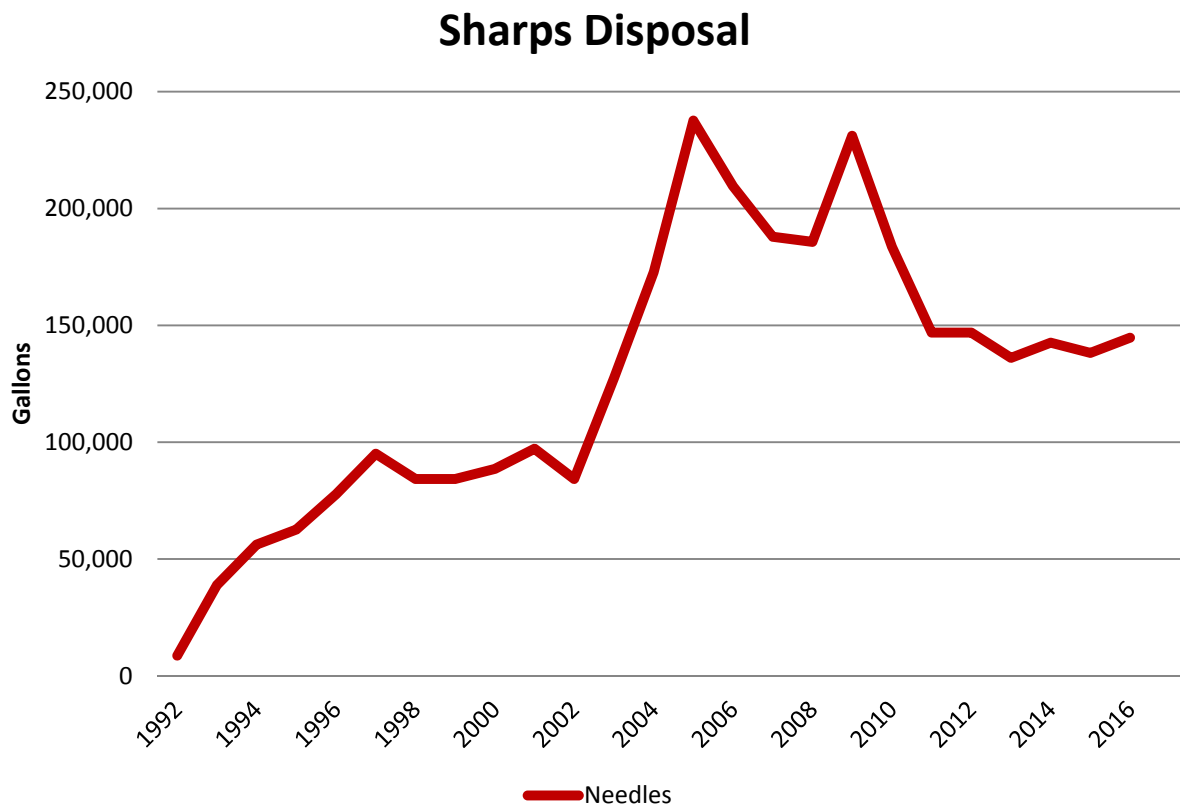


Sharps Disposal

The Health Department, along with participating community pharmacies, distributes containers, literature and labels to residents using insulin, heart and other types of medications. Used syringes and lancets are collected and stored in these containers. Once containers are full, they can be exchanged for new containers at no charge at participating pharmacies or the Health Department.

The Health Department properly disposes of these materials with a medical waste company. Please do not dispose of sharps in your garbage or recycling.

Needles per Year					
1992	1993	1994	1995	1996	1997
8,640	38,880	56,160	62,640	77,760	94,040
1998	1999	2000	2001	2002	2003
84,240	84,240	88,560	97,200	84,240	127,440
2004	2005	2006	2007	2008	2009
172,800	237,600	209,520	187,920	185,760	231,120
2010	2011	2012	2013	2014	2015
183,600	146,880	146,880	136,080	142,560	138,240
2016					
144,720					



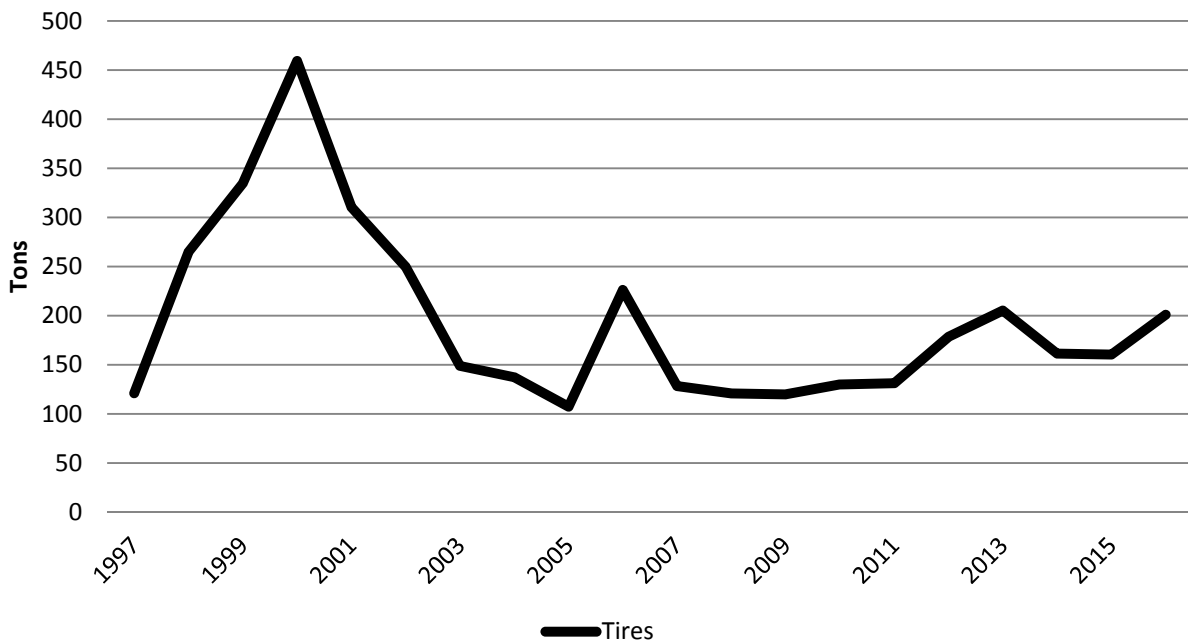
Tires

The Council Bluffs Recycling Center accepts used tires from residents and businesses.

- Residents are allowed to dispose of an unlimited number of car tires, other types of tires, large numbers of tires and tires from commercial entities.
- Cost \$0.08 per pound with or without rims if you stack them yourself.
- Cost \$0.16 per pound if Recycling Center staff stacks them.
- An average 14" car tire costs approximately \$1.60.

Tons per Year					
1997	1998	1999	2000	2001	2002
121.02	264.90	334.77	459.39	310.43	249.71
2003	2004	2005	2006	2007	2008
148.88	137.21	107.29	226.26	128.36	120.78
2009	2010	2011	2012	2013	2014
119.85	129.88	131.16	178.53	205.20	161.39
2015	2016				
160.44	200.93				

Tire Recycling

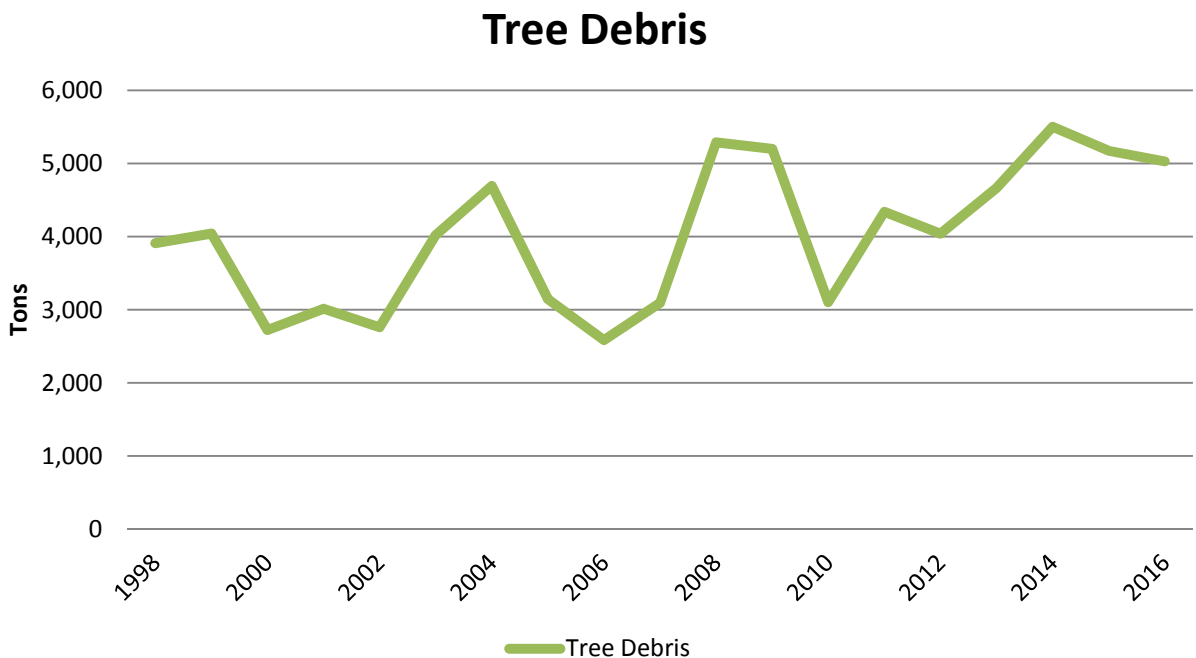


Tree Debris

Tree debris consists of branches and logs. The following specifications apply when bringing tree debris to the Recycling Center:

- The charge is \$20.00 per ton with a \$5.00 minimum charge (covers approximately 500 pounds of tree debris).
- Branches and logs up to 24" in diameter shall be cut no longer than 10' in length.
- Branches and logs 24" up to 36" in diameter shall be cut no longer than 6' in length.
- Branches and logs 36" and larger in diameter shall be cut no longer than 4' in length.
- All loads of branches and logs not cut to specifications and/or containing metal, garbage or stumps with excessive amounts of dirt and debris will be charged a rate of \$50 per ton.

Tons per Year					
1997	1998	1999	2000	2001	2002
~36,500	3,911.53	4,042.24	2,723.57	3,014.69	2,759.83
2003	2004	2005	2006	2007	2008
4,022.77	4,694.09	3,144.00	2,584.86	3,095.08	5,289.77
2009	2010	2011	2012	2013	2014
5,199.10	3,102.36	4,340.00	4,040.37	4,665.44	5,501.14
2015	2016				
5,172.93	5,029.76				

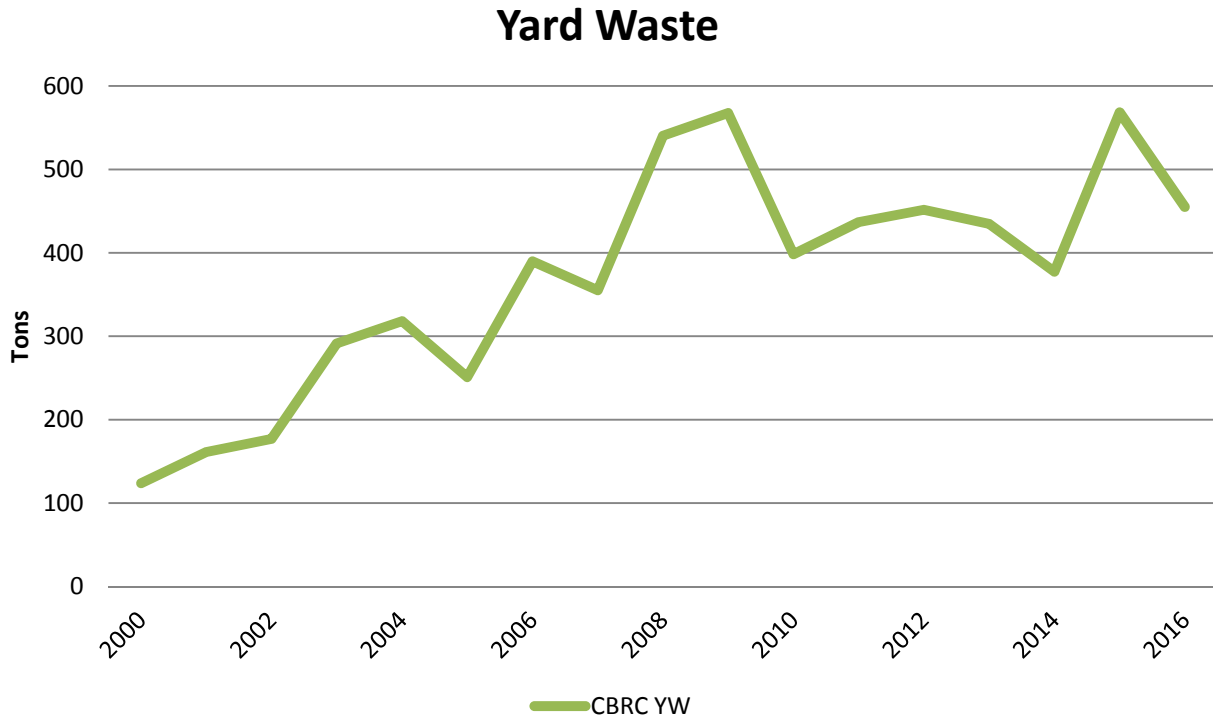


Yard Waste

The Council Bluffs Recycling Center accepts yard waste year-round.

- The charge is \$20.00 per ton with a \$5.00 minimum charge (covers approximately 500 pounds).
- All loads containing metal or garbage with excessive amounts of dirt and debris will be charged a rate of \$50 per ton.

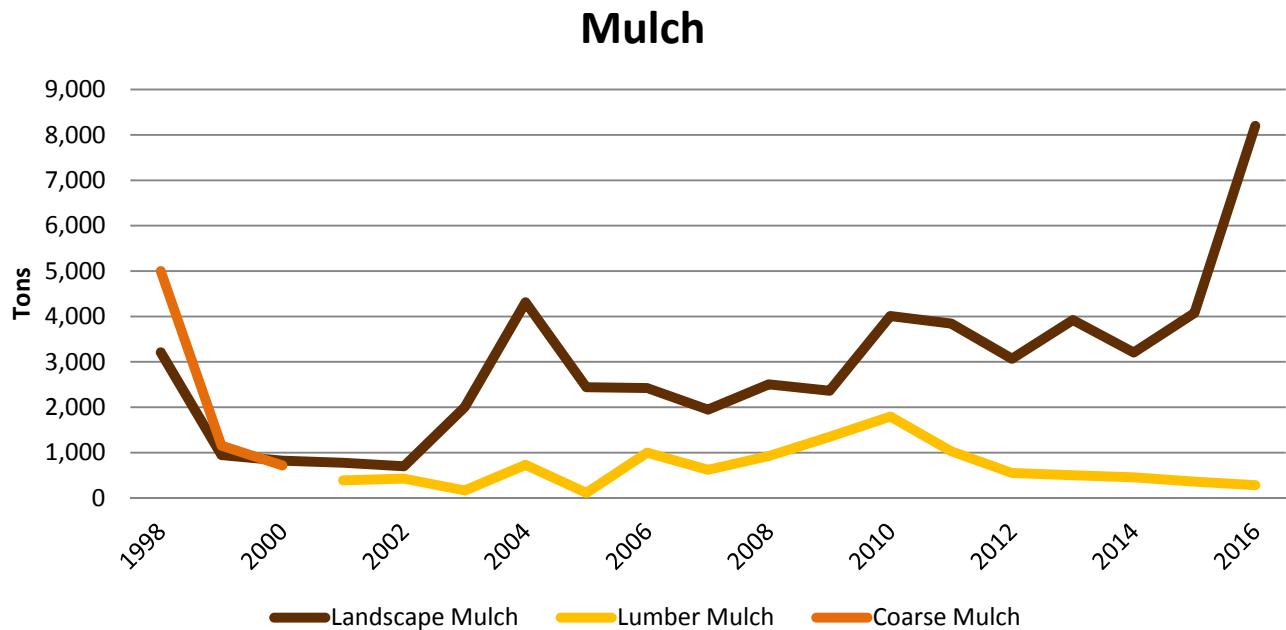
Tons per Year					
2000	2001	2002	2003	2004	2005
123.82	161.15	176.95	291.41	318.10	250.93
2006	2007	2008	2009	2010	2011
389.90	355.12	540.39	567.58	398.33	436.85
2012	2013	2014	2015	2016	
451.60	434.69	377.39	568.4	455.10	



Mulch

Landscaping mulch is available to customers for purchase for \$30 per ton. Lumber mulch is also available at a charge of \$5 per end loader bucket.

Tons per Year						
Coarse	1997	1998	1999	2000		
	~30,000	~5,000	1,149.58	716.56		
Landscape	1998	1999	2000	2001	2002	2003
	3,207.58	944.56	821.87	775.94	697.72	2,002.81
	2004	2005	2006	2007	2008	2009
	4,312.43	2,439.19	2,422.91	1,948.57	2,505.26	2,363.97
	2010	2011	2012	2013	2014	2015
	4,007.67	3,844.46	3,069.62	3,922.54	3,203.95	4,077.33
	2016					
	8,197.94					
Lumber	2001	2002	2003	2004	2005	2006
	389.21	429.19	167.31	729.27	113.16	1,000.07
	2007	2008	2009	2010	2011	2012
	619.66	924.48	1,349.09	1,795.94	1,031.35	551.47
	2013	2014	2015	2016		
	500.65	457.12	360.74	283.56		



Poly-Carts and Recycled Benches and Tables

Residents who would like to obtain a City-approved 95-gallon Poly-cart may purchase one at the CBRC for \$60.00. Carts can be delivered for an extra \$10 charge by contacting the Health Department. Poly-carts have a ten-year, pro-rated warranty against defects and can be used for yard waste or regular garbage in separate carts for residents on City waste services only. These carts have been sold for numerous years and continue to be a popular item.

Picnic tables and benches made from recycled materials are available to purchase at the Recycling Center. These items come in brown, green and gray; all bases are black. Please call for pricing and availability.

Recycling Bins

In the summer of 2008, all households on City waste services were delivered two, blue 18-gallon recycling containers and one lid along with information about the new curbside recycling program. Residents on City waste services wishing to have more than the allotted amount of recycling containers can also purchase them at the Council Bluffs Recycling Center for \$8.00 per container and \$4.00 per lid.

Sold per Year					
	2008	2009	2010	2011	2012
Curbside Bins	84	190	161	129	123
	2013	2014	2015	2016	
	101	172	108	87	
	2008	2009	2010	2011	2012
Curbside Lids	120	245	172	159	124
	2013	2014	2015	2016	
	131	189	110	119	

Recycling Center Traffic Count

Since its inception on September 26, 1997, the Council Bluffs Recycling Center has served the public at its current location. As services have increased at the facility, so has overall traffic. Spikes throughout the years can be accounted for by ice storms, hail storms, high wind events and floods. Oftentimes, when the City is hit especially hard by a natural disaster, the Recycling Center will accept materials at no charge from City residents. This, in turn, increases the awareness and visibility of the facility. The totals below only include paying customers, so residents utilizing the drive through recycling area for household items or scrap metal container are not counted in these totals.

Traffic Count per Year

1997	1998	1999	2000	2001	2002
20,379	14,730	14,040	26,511	36,793	26,474
2003	2004	2005	2006	2007	2008
31,555	37,599	36,376	29,644	28,261	33,869
2009	2010	2011	2012	2013	2014
30,704	31,285	37,814	40,248	36,615	40,142
2015	2016				
41,382	43,110				

Recycling Center Traffic

